

D A I L Y

DATE: February 5, 1987

F I E L D

TIME: 0710 to 1400

R E P O R TPLACE: Cerro Copper Plant Site
Sauget, IL

WEATHER: Partly Cloudy, 30s

PROJECT: JOB 10224A
CERRO COPPER
IEPA RI/FS OVERSIGHTDISTRIBUTION:S. Silverstein, Cerro (2 Copies)
JBC/LJO/ED 10224-1.3PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hrs.</u>
Dave Guyan	Sverdrup	7.0
Dan Sewall	Ecology & Environment (E&E)	7.0
Tim Maley	Ecology & Environment (E&E)	7.0
Jerry Hamman	Fox Drilling	7.0
Robbie Crachity	Fox Drilling	7.0
Henry Colligan	Driller's Union Official	7.0

FIELD WORK SUMMARY:

1. D. Guyan arrived at Cerro Copper plant at 0710. E&E and drilling personnel arrived at 0720. Pete Alvey (E&E) remained at E&E Metro Field Office.
2. R. Crachity steam cleaned equipment before setting up at the final location. Crew moved to soil boring I-11 at 0810. This was located at the southern portion of the plant approximately 600' west of I-1 (see Attachment A). Crew members wore Level C protective clothing during drilling activities. Initial sample was collected at 0835.
3. Drillers hit a metal object at depth 22.0' that prevented augers from advancing. When drillers pulled drill bit from the hole they discovered the teeth had been broken off. J. Hamman shoveled cuttings down the hole after augers were removed.
4. Drillers moved rig approximately 30' east of the previous location. They drilled down to 20' and resumed sampling every 2.5' thereafter. The hole caved in at 28.0' and again at 35.0'. Water was pumped down hole at those depths to remove debris.
5. Drilling was completed to a depth of 38.0' at 1230. D. Sewall departed site to deliver samples to P. Alvey at E&E's field office. Alvey screened the samples using an organic vapor analyzer (OVA).

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Hamman shoveled cuttings down the hole while remaining personnel loaded the drill rig. All members then departed site for lunch.

6. All personnel returned to site by 1400. D. Sewall said remaining work would not require use of the drill rig on Cerro's property. R. Crachity thoroughly steam cleaned all equipment.
7. Steam cleaning completed at 1530. Sewall told D. Guyan that E&E tentatively planned to develop wells on Cerro's property next Tuesday (2/10). Well development would complete the necessary IEPA RI/FS on Cerro Copper's property. He will call Sandy Silverstein of Cerro and ask for permission to enter site. All crew members and equipment departed site. D. Guyan arrived at Sverdrup office at 1615.
8. D. Guyan will pick up Cerro Copper's final half of samples on Friday, February 6. The samples will be kept on ice at E&E's Metro Field Office. P. Alvey will relinquish Chain-of-Custody record and samples to D. Guyan (see Attachment B.) D. Guyan will then take samples to Greyhound Package Express for shipment to Daily Analytical Laboratories (Peoria, IL).
9. D. Guyan took 15 pictures of the field work.

Attachments

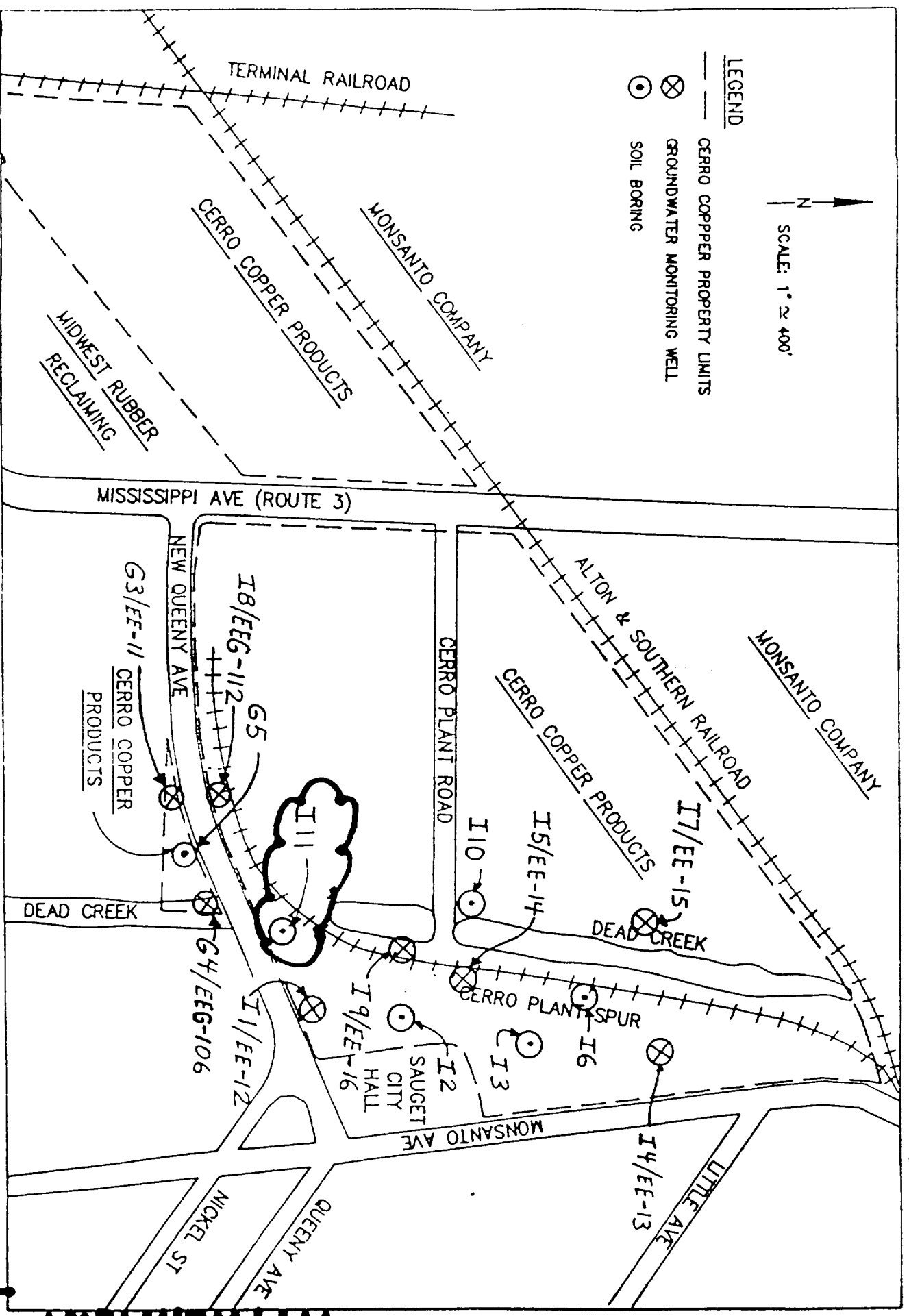

Sverdrup Corporation

N
SCALE: 1" = 400'

LEGEND
 --- CERRO COPPER PROPERTY LIMITS
 ⊗ GROUNDWATER MONITORING WELL
 ○ SOIL BORING

NOTE: NUMBERING LEGEND =
 BORING HOLE ID / WELL ID

SITE MAP AND E & E WORK AREAS



ATTACHMENT



CHAIN-OF-CUSTODY RECORD

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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form.

234055

GREYHOUND BUSBILL Co. <u>6L</u>		0		FORWARDING AGENT	
DESTINATION STATION <u>Peoria Illinois</u>		156 019 217 2		<u>NO</u>	
CONSIGNEE <u>Daily Analytical Labs</u>		PHONE <u>301-692-5552</u>		<input type="checkbox"/> CHG ACCT. <input type="checkbox"/> DELIVERY	
STREET ADDRESS <u>1621 Candletree St</u>		DECL. VALUE \$ <u>17</u> LBS		TARIFF WT LBS	
NO. OF PIECES <u>1</u>		CONSIGNEE NOTIFIED MO. <u> </u> DAY <u> </u> YEAR <u> </u> TIME <u> </u>		EXPRESS CHARGES \$ <u>960</u>	
CONTENTS <u> </u>		DO NOT WRITE IN THIS SPACE		CHARGES ADVANCED \$ <u> </u>	
DIMENSIONAL WEIGHT INFORMATION <u>X</u> <u>X</u> = <u> </u> CU IN		ROUTING INSERT EACH COMPANY'S ABBREVIATION AND JUNCTION POINT ON LINES BELOW		PICK UP CHARGES \$ <u> </u>	
SHIPPER'S NAME <u>Sverdoup Corp</u>		COMPANY <u>6L</u>		DELIVERY CHARGES \$ <u> </u>	
STREET ADDRESS <u>801 N 11th St</u>		TO <u>Bloomington IL</u>		VALUE CHARGES \$ <u> </u>	
ORIGIN CITY & STATE <u>W. Louisville</u>		<u>151</u>		SUB TOTAL \$ <u> </u>	
				STATE TAX \$ <u> </u>	
				TOTAL PREPAID \$ <u>960</u>	

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PREPAID

NO.

DATE

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